

CLAIMS:

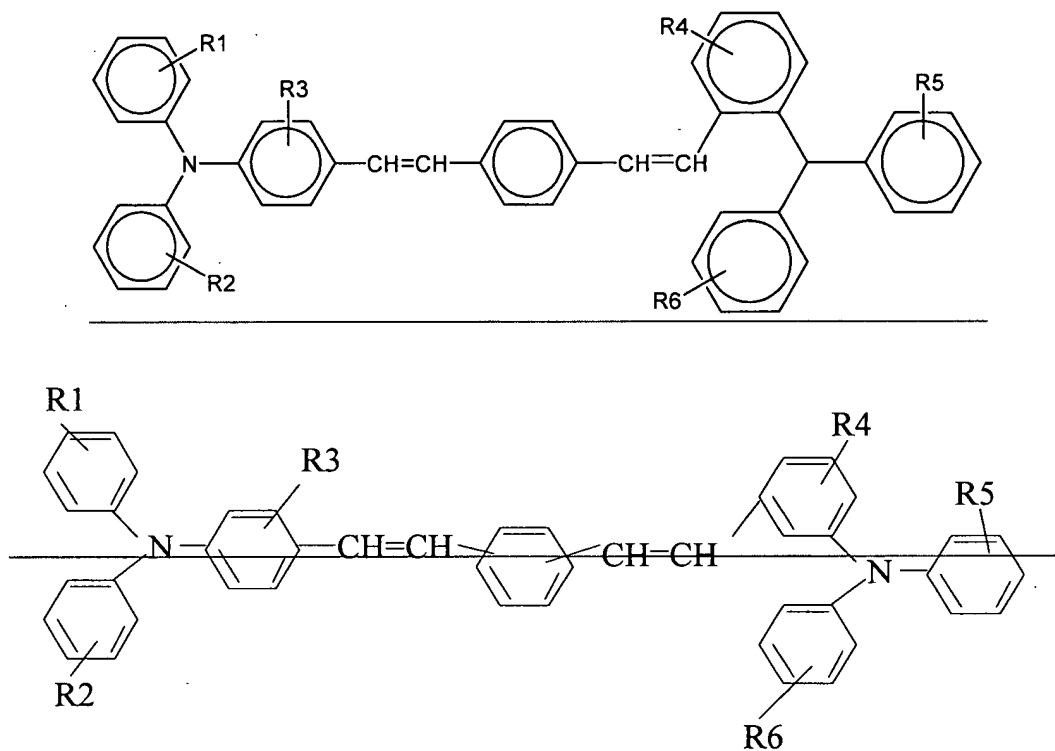
This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) An imaging member comprising
an electrically conductive supporting substrate or a supporting substrate comprising an electrically conductive layer;
an optional hole blocking layer;
a charge generating layer; and
a charge transport layer having at least a first (bottom) charge transport layer and a second (top) charge transport layer each of which comprises a hole mobility organic transport compound molecularly dispersed in a film forming polymer binder;
wherein the first (bottom) charge transport layer comprises a hole mobility organic transport compound selected from the group consisting of triphenylmethane; bis(4-diethylamine-2-methylphenyl)phenylmethane; 4,4'-bis(diethylamino)-2,2'-dimethyltriphenylmethane; N,N'-diphenyl-N,N'-bis(3-methylphenyl)-[1,1'-biphenyl]-4,4'-diamine; N,N'-diphenyl-N,N'-bis(4-methylphenyl)-[1,1'-biphenyl]-4,4'-diamine; N,N'-diphenyl-N,N'-bis(alkylphenyl)-1,1'-biphenyl-4,4'-diamine; N,N'-diphenyl-N,N'-bis(chlorophenyl)-1,1'-biphenyl-4,4'-diamine; tritolylamine; N,N'-bis-(3,4-dimethylphenyl)-4-biphenyl amine; N,N'-bis-(4-methylphenyl)-N,N'-bis(4-ethylphenyl)-1,1'-(3,3'-dimethylbiphenyl)-4,4'-diamine; N,N'-diphenyl-N,N'-bis(halophenyl)-1,1'-biphenyl-4,4'-diamine; N,N'-diphenyl-N,N'-bis(hydroxyphenyl)-1,1'-biphenyl-4,4'-diamine; phenanthrene diamine; arylamine; enamine; stilbene; and hydrazone molecules; and
wherein the first (bottom) charge transport layer comprises between about 50 and about 90 weight percent hole mobility organic transport compound based on the total weight of the first (bottom) charge transport layer;

wherein the second (top) charge transport layer comprises a film forming polymer binder and a high hole mobility organic transport compound selected from the group consisting of a diamine represented by the formula:

FORMULA (II)



where R1, R2, R3, R4, R5, and R6 are independently selected from the group consisting of hydrogen, halogen, alkyl, aryl, and a cyclo-alkyl group having 1 to 18 carbon atoms, and at least one of R1, R2, R3, R4, R5, and R6 is halogen;

wherein the second (top) charge transport layer comprises a lesser amount by weight of this high hole mobility diamine organic transport compound than the hole transport compound used in the first (bottom) charge transport layer;

and wherein the film forming polymer binder is selected from the group consisting of polycarbonates, polystyrene, and poly(vinyl carbazole).

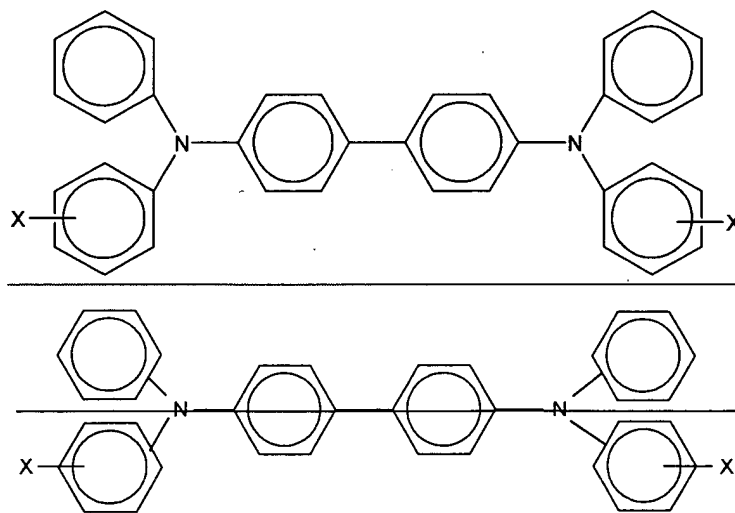
2. (Original) An imaging member according to **claim 1**, wherein the second (top) charge transport layer comprises between about 20 to about 45 weight percent of the high hole mobility diamine organic charge transport compound of Formula (II) based upon the total weight of the second charge transport layer.

3. (Original) An imaging member according to **claim 1**, wherein the second (top) charge transport layer comprises between about 30 to about 40 weight percent of the high hole mobility diamine organic charge transport compound of Formula (II) based upon the total weight of the second charge transport layer.

4. (Original) An imaging member according to **claim 1**, wherein the first (bottom) charge transport layer comprises between about 50 to about 70 weight percent of the hole mobility organic charge transport compound based upon the total weight of the first charge transport layer.

5. (Currently Amended) An imaging member according to **claim 1**, wherein the hole transport compound in the first (bottom) charge transport layer is comprised of an aryl amine, N,N'-diphenyl-N,N'-bis(alkylphenyl)-1,1'-biphenyl-4,4'-diamine, represented by:

FORMULA (I)



wherein X is selected from the alkyl group consisting of methyl.

6. (Currently Amended) An imaging member of **claim 5**, wherein the aryl diamine in the first (bottom) charge transport layer is ~~N,N'-diphenyl-N,N'-bis(4-methylphenyl)-[1,1'-biphenyl]-4,4'-diamine~~ N,N'-diphenyl-N,N'-bis(3-methylphenyl)-[1,1'-biphenyl]-4,4'-diamine.

7. (Previously Presented) An imaging member of **claim 5**, wherein the aryl diamine in the first (bottom) charge transport layer is N,N'-diphenyl-N,N'-bis(4-methylphenyl)-[1,1'-biphenyl]-4,4'-diamine.

8. (Currently Amended) An imaging member of **claim 1**, wherein the film forming binder used in the transport layers is a ~~bisphenol-A~~-polycarbonate selected from the group consisting of poly(4,4'-isopropylidene diphenyl) carbonate and poly(4,4'-diphenyl)-1,1'-cyclohexane carbonate.

9. (Original) An imaging member of **claim 1**, wherein the film forming binder used in both transport layers is the same.

10. – 20. (Cancelled)

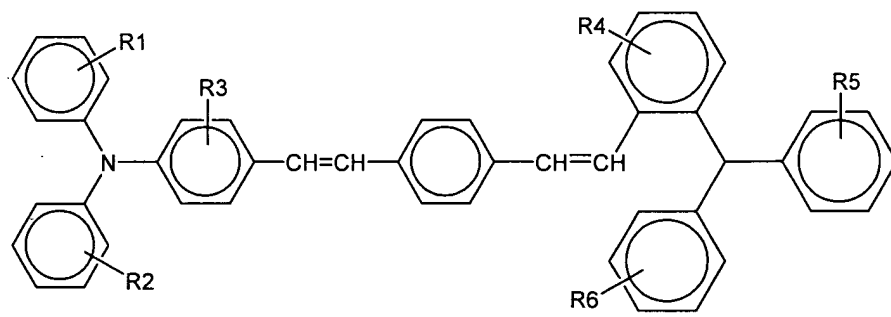
21. (Currently Amended) An imaging member comprising
an electrically conductive supporting substrate or a supporting substrate comprising an electrically conductive layer;
an optional hole blocking layer;
a charge generating layer; and
a dual charge transport layer having a first (bottom) and a second (top) charge transport layer each of which is a solid solution comprising a hole mobility organic transport compound molecularly dispersed or dissolved in a film forming polymer binder;

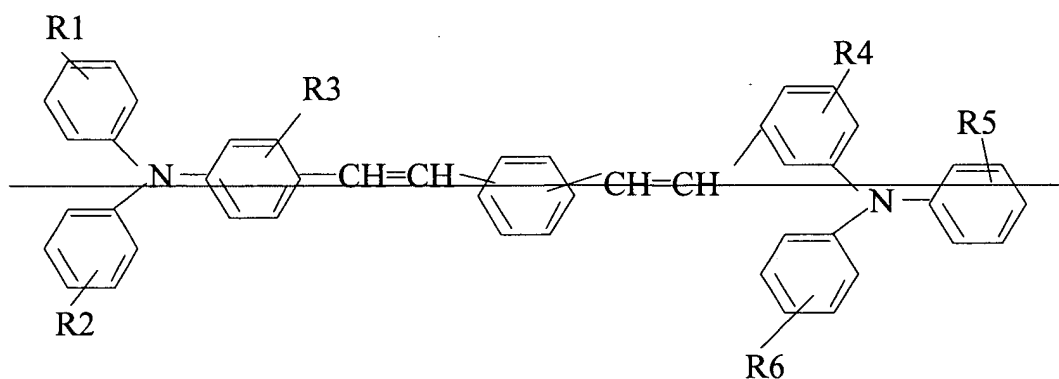
wherein the first (bottom) charge transport layer comprises a hole mobility organic transport compound selected from the group consisting of triphenylmethane; bis(4-diethylamine-2-methylphenyl)phenylmethane; 4,4'-bis(diethylamino)-2,2'-dimethyltriphenylmethane; N,N'-diphenyl-N,N'-bis(3-methylphenyl)-[1,1'-biphenyl]-4,4'-diamine; N,N'-diphenyl-N,N'-bis(4-methylphenyl)-[1,1'-biphenyl]-4,4'-diamine; N,N'-diphenyl-N,N'-bis(alkylphenyl)-1,1'-biphenyl-4,4'-diamine; N,N'-diphenyl-N,N'-bis(chlorophenyl)-1,1'-biphenyl-4,4'-diamine; tritolylamine; N,N'-bis-(3,4-dimethylphenyl)-4-biphenyl amine; N,N'-bis-(4-methylphenyl)-N,N'-bis(4-ethylphenyl)-1,1'-(3,3'-dimethylbiphenyl)-4,4'-diamine; N,N'-diphenyl-N,N'-bis(halophenyl)-1,1'-biphenyl-4,4'-diamine; N,N'-diphenyl-N,N'-bis(hydroxyphenyl)-1,1'-biphenyl-4,4'-diamine; phenanthrene diamine; arylamine; enamine; stilbene; and hydrazone molecules; and

wherein the first (bottom) charge transport layer comprises between about 50 and about 90 weight percent hole mobility organic transport compound based on the total weight of the first (bottom) charge transport layer;

wherein the second (top) charge transport layer comprises a film forming polymer binder and a high hole mobility organic transport compound selected from the group consisting of a diamine represented by the formula:

FORMULA (II)





where R1, R2, R3, R4, R5, and R6 are independently selected from the group consisting of hydrogen, halogen, alkyl, aryl, and a cyclo-alkyl group having 1 to 18 carbon atoms, and at least one of R1, R2, R3, R4, R5, and R6 is halogen;

wherein the second (top) charge transport layer comprises a lesser amount by weight of this high hole mobility organic transport compound than the first (bottom) charge transport layer;

and wherein the film forming polymer binder is selected from the group consisting of polycarbonates, polystyrene, and poly(vinyl carbazole).